

What is claimed is:

1. A misconnection-proof key comprising a substantially L-shaped block made of a hard metal including a short arm and a long arm intersecting therewith at right angles thereto and having at a substantially mid portion on its surface a removal preventing protrusion integrally formed therewith.

2. A connector using a plurality of misconnection-proof keys each comprising a substantially L-shaped block made of a hard metal including a short arm and a long arm intersecting therewith at right angles thereto and having at a substantially mid portion on its surface a removal preventing protrusion integrally formed therewith, said connector comprising an insulating block having a number of contacts, and a metal shell partly covering the insulating block on its end where contact portions of said contacts are located, and said connector further comprising a plurality of slots being formed at predetermined positions between said metal shell and said end of the insulating block, and removal preventing means respectively being formed in said plurality of slots such that when said long arms of said misconnection-proof keys are inserted into said slots until the removal preventing protrusions of said keys are fitted in said removal preventing means, respectively, and said short arms of said keys are extending outwardly from said slots, respectively, thereby preventing said connector from being connected to a connector not having notches corresponding to said outwardly extending short arms of said keys.

3. The connector as set forth in claim 2 wherein said removal preventing means are formed so as to open at the outer surface of said metal shell.